ABOUT THE INSTITUTION

Hindusthan College of Engineering & Technology is situated at Othakkalmandapam on the Coimbatore-Pollachi highway with the picturesque mountains in the backdrop. The College is spread over a sprawling campus with calm surroundings, creating a fitting atmosphere for study and provides a clean and invigorating environment conducive for higher education.

The Primary Objective of the Hindusthan College of Engineering & Technology is to cater the needs of the nation in the development of technocrats and to provide facilities for educating and training men and women to meet the entrepreneurial and management needs. The college has been accredited by NBA & with 'A' Grade by NAAC.

An educational institution is a place where people of different ages gain an education. They provide a large variety of learning environments and learning spaces. we, at HICET believe not only in educating the students, but also grooming characters with moral ethical values.

COURSES OFFERED

- B.E(Biomedical Engineering)
- B.E(Agriculture Engineering)
- B.E(Chemical Engineering)
- B.Tech(Food Technology)
- B.Tech(Artificial Intelligence & Machine Learning)
- B.Tech(Information Technology)
- B.E(Computer Science & Engineering)
- B.E(Electrical & Communication Engineering)
- B.E(Mechanical Engineering)

- B.E(Electrical & Electronics Engineering)
- B.E(Aeronautical Engineering)
- B.E(Civil Engineering)
- B.E(Mechatronics Engineering)
- B.E(Electronics & Instrumentation Engineering)
- B.E(Automobile Engineering)
- M.C.A(Computer Applications)
- M.B.A(Business Administration)
- M.E(Embedded Systems)
- M.E-CAD/CAD
- M.E-Electronics and Communication Engineering

ABOUT THE DEPARTMENT

The Department of Biomedical with its cohesive team of faculty members, offers a sound program at the UG levels. The curriculum is a blend of the conventional and the radical. It is updated regularly to keep up with the growing demands and the changing trends of the medical industry and hospitals. The Department is witnessing a period of exciting growth and opportunity propelled by the growth of technology and its recognition through excellence.

Thiru. T S R Khannaiyann
Chairman

It is undeniably a great pleasure to know that the Department of Biomedical Engineering Hindusthan College of Engineering and Technology is organizing a national level technical symposium named "Bio Tronz" which is to be held on 20 Thursday, October 2022.

I hope that this symposium would surely induce modern ideas among the participants paving way for recent trends in the field of science and technology.

SMT T R K Saruswathi Khannaiyann
Managing Trustee

I am very pleased to send this message to the members of the Department of Biomedical Engineering Hindusthan college of engineering and technology in jointly organizing national level virtual a symposium on "Bio Tronz" on 20, Thursday, October 2022.

The symposium has a diverse set of plenary lectures and oral presentations which will shed light on the proposed fields of Life sciences .I hope this in addition to sharing the latest trends the scientists and scholars would extend and strengthen their network across borders and cultures.

I congratulate the organizers of this conference and wish this program great success.

Er K Priya Satish Prabu
Secretary and Executive Trustee

I congratulate the Department of Biomedical Engineering Hindusthan engineering and college technology organizing a National Level Technical Symposium on "Bio Tronz " on 20 Thursday, October 2022.

I sincerely welcome and thank all the guests, and participants for their enthusiastic participation in the symposium. It will be a great platform for students, participants, and faculty members to share their innovative ideas with each other and gain knowledge on emerging technologies in the field of life science. I wish wholeheartedly for the grand success of the symposium.

Dr K Karunakaran
CEO,Hindusthan Instutions

It gives me immense pleasure to welcome everyone on this beautiful day to join the national symposium on BIOMEDICAL ENGINEERING .

Biomedical engineering is the application of engineering principles to solve biological and medical problems for the purpose of improving health care. The skills to be able to scan physiological , biology , health care and health informatics , mechanics and engineering , so therefore they can combine these skills to create solution to current world health issues.

We are very much excited to see how our dear participants showcase their ideas and innovation for this grand event and in the process give us knowledge in this field. We hope that the participants not only explore the themes of the event but also make it grand success.

.

Dr J Jaya
Principal / HICET

I am extremely pleased to invite you all to the first-ever national technical symposium named as “BioTronz” conducted by the Department of BioMedical Engineering and Management of Hindusthan College of Engineering and Technology be held Coimbatore-32. at Hindusthan College of Technology. valley campus. The enthusiasm. dedication and commitment of the organizing team will spare no efforts in meeting your expectations and making this symposium a successful event.

In this symposium, we hope it brings together the brightest minds from various sections for exchanging ideas. Let us learn from these ideas and take the world forward.

I congratulate the Faculty and Students for their active participation in this National Symposium. We welcome you all at HICET and ensure that you all carry rich remembrances of this event with you and greatly enhance your knowledge.

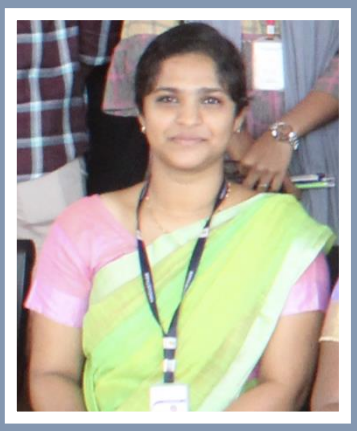
Dr. S Saravana Sundaram
HoD,Biomedical Engineering

I extend my hearty greetings to the members of the Department of Biomedical Engineering and Management of HICET for organizing a national-level symposium named "BioTronz" on 20,October 2022. The recent trends and the applications of science and engineering are to help the nation in its development.

I hope that this conference would certainly induce innovative ideas among the participants paving way for new inventions and new technologies in life science.

I congratulate the organizers for taking great efforts in organizing this event and wish the team a great success.

Ms P Raja Rajeshwari Chandini
Assistant Professor/BME



It gives me immense pleasure to write a message for the Symposium Named 'BioTronz' which is to be held on 20, October, 2022. The theme of the symposium is to coined and it refects the imporatnce of understanding the ongoing trends in science and technology filed succinctly.

The symposium encompasses about sessions including invited lectures from the scientists, paper presentstion by participants.

I thank the organizing committee members for their continued efforts and am sure that symposium would be a great scientific extravaganza.

Mr. P Radhakrishnan
Assistant Professor/BME

On behalf of the department of BioMedical Engineering (HICET). I extend a very warm welcome to all the delegates and participants present today for the international symposium on the theme of “BioTronz”.

I would like to thank the staff, the organizers, and the students for their contribution in successfully organizing and managing this event. This wouldn't have been possible without their commitment and constant support.

I welcome all of you to Biotronz’22 with the expectation that this congregation will go about as a mechanism for all of us present here to reflect on the symposium subject..

ORGANIZING COMMITTEE

CHIEF PARTON

Thiru. T S R Khannaiyan

Chairman

SMT. R R K Sarasuwathi Khannaiyan

Managing Trustee

Er. K Priya Sathish Prabu

Secretary And Executive Trustee

PATRON

Dr. K Karunakaran

CEO Hindusthan Institutions

Dr. J. Jaya

Principal /HICET

CONVENERS

Dr Saravana Sundaram

Professor & Head Of Department/BME

CO-CONVENERS

Dr T Murugeshwari

Associate Professor/ BME

Dr M Ganga

Associate Professor/ BME

Ms P Raja Rajeshwari Chandini

Assistant Professor/ BME

Mrs M Deeparani

Assistant Professor/ BME

Mrs Shoba Christila

Assistant Professor/ BME

Mr K Gobinath

Assistant Professor/ BME

Mr P Radha Krishnan

Assistant Professor/ BME

ORGANIZING COORDINATORS

Ms.P Raja Rajeswari Chandni AP/ BME

Mr. Radha Krishnan AP/BME

STUDENTS COORDINATORS

Mr. Ashiq Vishnu (IV,BME)

Mr. Sriram (IV,BME)

Mr. Saran Karthick (III, BME)

Mr. Jaya Kumar (III, BME)

ABSTRACT NO	TITLE	TEAM NO
BT’22 PT-001	BLUE EYES TECHNOLOGY	1
BT’22 PT-002	HEART ATTACK SENSOR DETECTOR	8
BT’22 PT-003	WIRELESS COMMUNICATION	2
BT’22 PT-004	SMART DIABETES HEALTHCARE DEVICE FOR PREDICTION OF CARDIAC RISK	3
BT’22 PT-005	INTELLIGENCE SMART HOSPITAL	4
BT’22 PT-006	ORGAN ON A CHIP	5
BT’22 PT-007	USES OF MICRO ELECTRONIC PILL	6
BT’22 PT-008	VIRTUAL SURGERY	7
BT’22 PT-009	GENOME EDITING	9
BT’22 PT-010	BLUE BRAIN	11
BT’22 PT-011	BRAIN GATE TECHNOLOGY	12
BT’22 PT-012	DESIGNING MICRO SYRINGE SHAKER AS THE DIGITALIZED SUPPORTING MEDIA FOR METHOD OF DISSOLVED GAS TRANSFORMER OIL ANALYSIS	13
BT’22 PT-013	BIONIC EYE	14
BT’22 P -014	ANTIMICROBIAL MASK	15

BT'22 PT-001

BLUE EYES TECHNOLOGY

P .Noorul Sameera B.Pavithra

V.S.B Engineering College ,Karur

Abstract:

A study has shown that people with personalities that are similar collaborate well Dryer(1999) has also shown that people view their computer as having a personality .For these reasons, it is important to develop computers which can work well with its user. This is where the blue eyes technology comes into forse with abilities to gather information about you and interact with you through special techniques like facial recognition , speech recognition etc, it can even understand your emotions at the touch of the mouse. it verifies your identity , feel your presence and starts interacting with you . so the ultimate aim of THE BLUE EYES TECHNOLOGY is to create a user friendly system that can increase the productivity of the user by adapting itself to the users mood . With the eye tracker technology it can reduce the uses work load .It will move the cursor directly to place where the user is starting at . The additional facility of speech recognition bestows you with the ability to just dictate comments to the computer while you can engage your self with some other work using eye tracker technology the computer can use the suitor facility to provide the user additional info about the topic he isreading/looking at in a tab. This will for sure reduce his job having to search for the information all by himself , so this concept of BLUE EYES TECHNOLOGY IS SURELY A BOON .after all who want to own a computer that

1) Can easily adapt to your mood.

2) perform tasks the moment you"actually tell " it what you want

3) help you by gathering more additional information.

BT'22 PT-002

HEART ATTACK SENSOR DETECTOR

M.Yogakavinya A.Keerthana

V.S.B Engineering College ,Karur

Abstract:

We all know heart attack can kill ur life in three attempts but nowadays it can be dangours in first attempt also. If checking our health regularly on daily basis then we can detect so many different diseases by detecting them previously. Life is precious . Many people amoung as lose their life to heart attack . This is because of their diet, age, less physical activity and many other factors. Heart attack is not easy to detect, to overcome and help our society from heart diseases and attack , we are developing such a system which will help to decrease the death rate and early detection a heart attack. In this system we implementing a heart beat monitoring and heart attack detection systemusing the internet of things . The sensor is then interfaced to a microcontroller that allows checking heart rate readings and transmitting the mover internet. After setting these limits , the system starts monitoring and also alerts for lower heart beats. For this the system uses to circuits. one is the transmitting circuit which is with the patient and the other is the receiver circuit which is being supervised by the doctor or nurse .The system makes use of heart beat sensor to find out the current heart beat level and display it on the LCD screen. KEYWORDS : Heart beat sensing, health care, heart beat rate level, microcontroller, heart attack detection.

BT’22 PT-003 **WIRELESS COMMUNICATION**

S.Mathan Kumar S.Pradeep M.A Naveen

V.S.B Engineering College ,Karur

Abstract:

One of the most rapidly developing areas of communications is "Smart Antenna" systems. This paper deals with the principle and working of smart antennas. The main use of smart antennas in mobile communications that enhances the capabilities of the mobile and cellular system such a faster bit rate, multi use interference, space division multiplexing (SDMA),increase in range, Multi path Mitigation.

One great advantage that is a very high security. The signal that is been transmitted by a smart antenna cannot tracked or received any other antenna thus ensuring a very high security of the data transmitted.

BT'22 PT-004 SMART DIABETES HEALTHCARE DEVICE FOR PREDICTION OF CARDIAC RISK

Y.Madhumitha K.Divya R.Jenifer Swathi M.Mahesh Kumar

Velalar College Of Engineering And Technology ,Erode

Abstract:

Diabetic patient monitoring is a systematic method that provides us with detailed information about the diabetic patient. Diabetes patients frequently develop heart problems. Type 2 diabetes mellitus is a risk factor for heart failure and rises the chance of morbidity and mortality in patients. In general, people with diabetes have double their risk of heart disease, death and stroke. Smart wearable Healthcare device plays a significant role in monitoring the patient's health, especially with the use of Internet of Things (IoT) devices. This device also able to monitor diabetic patients and save the data about blood glucose level, heart rate, oxygen, blood pressure, body temperature, and location. The role of this system is not limited to patients monitoring techniques but also extended to Predictive analysis of diabetic patients heart rhythm and give warning about the risk factors to the patients, their families and doctors. With an intelligent surveillance system integrated into smartphones and portable devices the physicians will be able to monitor the patients remotely and predict the cardiac risks using Machine learning algorithms.

Keywords:

Diabetes, healthcare; wearable device; Heart failure; Internet of Things (IoT); Machine learning.

BT'22 PT-005

INTELLIGENCE SMART HOSPITAL

Priya R

DR.N.G.P. Institute Of Technology ,Coimbatore

Objectives:

Smart hospitals involve the application of recent information and communications technology (ICT) innovations to medical services; however, the concept of a smart hospital has not been rigorously defined. In this study, we aimed to derive the definition and service types of smart hospitals and investigate cases of each type.

Methods:

A literature review was conducted regarding the background and technical characteristics of smart hospitals. On this basis, we conducted a focus group interview with experts in hospital information systems, and ultimately derived eight smart hospital service types.

Results:

Smart hospital services can be classified into the following types: services based on location recognition and tracking technology that measures and monitors the location information of an object based on short-range communication technology; high-speed communication network-based services based on new wireless communication technology; Internet of Things-based services that connect objects embedded with sensors and communication functions to the internet; mobile health services such as mobile phones, tablets, and wearables; artificial intelligence-based services for the diagnosis and prediction of diseases; robot services provided on behalf of humans in various medical fields; extended reality services that apply hyper-realistic immersive technology to medical practice; and telehealth using ICT.

Conclusions:

Smart hospitals can influence health and medical policies and create new medical value by defining and quantitatively measuring detailed indicators based on data collected from existing hospitals. Simultaneously, appropriate government incentives, consolidated interdisciplinary research, and active participation by industry are required to foster and facilitate smart hospitals.

Keywords:

Hospital Design and Construction, Hospital Planning, Digital Technology, Meaningful Use, Health Services Administration

BT’22 PT-006

ORGAN ON A CHIP

Fiyarlin P Anu Kerthana B K Deepatharani D

Dr.N.G.P Institute Of Technology**,**Coimbatore

Abstract:

Organs-on-chips, also known as "tissue chips" or microphysiological systems (MPS), are bioengineered microsystems capable of recreating aspects of human organ physiology and function and are in vitro tools with multiple applications in drug discovery and development. The ability to recapitulate human and animal tissues in physiologically relevant three-dimensional, multi-cellular environments allows applications in the drug development field, including, use in assessing the safety and toxicity testing of potential therapeutics during early-stage preclinical drug development,confirmation of drug/therapeutic efficacy in vitro and disease modeling of human tissues to recapitulate pathophysiology within specific subpopulations and even individuals, thereby advancing precision medicine efforts. The development and evolution of three-dimensional organ models over the past decade, and some of the opportunities offered by MPS technology that are not available through current standard two-dimensional cell cultures, or three-dimensional organoid systems

Keyword:

Bioengineering; Disease modeling; Drug development; Microfluidics; Microphysiological systems.

BT'22 PT-007

USES OF MICRO ELECTRONIC PILL

P.Yuvalakshmi S.Dhivya Dharshini

V.S.B Engineering College, Karur

Abstract:

The purpose of this paper is to provide the information about the innovations of new device called microelectronic pill in the field of bio-medical measurement, this is mainly used for diagnosis of internal part mainly gastrointestinal system which cannot be easily done with the help of normal endoscope.it is modern wireless type of endoscopic system.

The tiny capsule can pass through our body without causing harm.it takes pictures of our intestine and transmits the same to the receiver of the computer analysis of our digestive system. This process can help in tracking any kind of disease related to digestive system. Also we have discussed the drawbacks of PILL CAMERS and how these drawbacks can be overcome using grain sized motor and bi directional wireless telemetry capsule, besides that we have reviewed the process of manufacturing products using nanotechnology

Keywords:

Nanotechnology Pill

BT'22 PT-008

VIRTUAL SURGERY

Divya Dharshini G Anisha P Andrews K A

DR.N.G.P. Institute Of Technology, Coimbatore

Abstract:

Rapid change is under way on several fronts in medicine and surgery. Advance in computing power have enabled continued growth in virtual reality, visualization, and simulation technologies. Ongoing improvements in these technologies suggest an important future role for virtual reality and stimulation in medicine. Virtual surgery, in general is a Virtual Reality Technique of simulating surgery procedure, which help Surgeons improve surgery plans and practice surgery process on 3D models. The simulator surgery results can be evaluated before the surgery is carried out on real patient. Thus helping the surgeon to have clear picture on the outcome of surgery. If the surgeon finds some errors, he can correct by repeating the surgical procedure as many number of times and finalizing the parameters for good surgical results. The surgeon can view the anatomy from wide range of angles. This process, which cannot be done on a real patient in the surgery, helps the surgeon correct the incision, cutting, gain experience and therefore improve the surgical skills. The virtual surgery is based on the patient specific model, so when the real surgery takes place, the surgeon is already familiar with all the specific operations that are to be employed.

Key words:

Virtual Reality, Stimulation, Virtual Surgery, 3D models, Surgeon.

BT'22 PT-009

GENOME EDITING

Monika.S Priyadharsini S

Velalar College of Engineering And Technology

Abstract:

Gene engineering or genome editing involves changing an organisms DNA through sequence distribution, replacement or addition. In recent years gene editing technology represented by restriction in endonucleases (RE) technology,zinc finger nucleus (ZFN), technology,transcription activator like effector nuclear (TALEN) technology,CRISPR system and pAho- based system have be comprehensively explored but the application of these technologies in mytochondrial gene editing is still to be explored and optimized.Editing DNA can lead to change physical traits,like eye color and diesease risk.Application of somatic human genome editing has already been undertaken including Vivo editing to address HIV and sickle cell disease for example.

BT’22 PT-010

BLUE BRAIN

Thrisha.S Priya Dharshini.S Sneli Dharshini.Y Yamini.S

Velalar College Of Engineering And Technology

Abstract:

In this paper we are going to study about blue brain and its working. Blue brain is the world first virtual brain that function as a human brain.IBM is in the mode of developing a virtual brain known as 'Blue brain' with the help of nanobots and super computers. By this method we can recover the human intelligence virtually even after the death of an individual. The aim of blue brain is to establish stimulation neuroscience as a complementary approach alongside experimentally, theoretically and clinical neuroscience to understand the brain, by building the world's first biologically detailed digital reconstructions and stimulations of the mouse brain.

BT'22 PT-011

BRAIN GATE TECHNOLOGY

Monica R Keerthana B V Mangayarkarasi Suresh M

EGS Pillay Engineering College, Nagapatinam

Abstract:

The mind-to-movement system that allows a quadriplegic man to control a computer using only his thoughts is a scientific milestone. It was reached, in large part, through the brain gate system. This system has become a boon to the paralyzed. The Brain Gate System is based on Cyber kinetics platform technology to sense, transmit, analyze and apply the language of neurons. The principle of operation behind the Brain Gate System is that with intact brain function, brain signals are generated even though they are not sent to the arms, hands and legs.The signals are interpreted and translated into cursor movements, offering the user an alternate Brain Gate pathway to control a computer with thought, just as individuals who have the ability to move their hands use a mouse. The 'Brain Gate' contains tiny spikes that will extend down about one millimetre into the brain after being implanted beneath the skull, monitoring the activity from a small group of neurons.It will now be possible for a patient with spinal cord injury to produce brain signals that relay the intention of moving the paralyzed limbs, as signals to an implanted sensor, which is then output as electronic impulses. These impulses enable the user to operate mechanical devices with the help of a computer cursor. Matthew Nagle,a 25-year-old Massachusetts man with a severe spinal cord injury,has been paralyzed from the neck down since 2001.After taking part in a clinical trial of this system,he has opened e-mail,switched TV channels,turned on lights.He even moved a robotic hand from his wheelchair. This marks the first time that neural movement signals have been recorded and decoded in a human with spinal cord injury.The system is also the first to allow a human to control his surrounding environment using his mind.

Key Words:

Cyber kinetics, tiny spikes, brain signals

BT'22 PT-012

DESIGNING MICRO SYRINGE SHAKER AS THE DIGITALIZED SUPPORTING MEDIA FOR METHOD OF DISSOLVED GAS TRANSFORMER OIL ANALYSIS

Mukilan M Vigneshkumar S Rakshith B

Dr.NGP Institute of technology,Coimbatore

Abstract:

This article reports on the mechanical strength analysis and flow characteristics of square tip and circular tip microneedles by employing highly potent drugs that are given in extremely little quantity (microlitres) using MEMS technology, which proves to be a significant component of micropump in the application of Bio-MEMS. These microneedles are well suitable for a MEMS- based micropump in the drug delivery systems. It is an essential part of themicropump through which the drug is released into the patient's body. The proposed microneedles can withstand a stress of 23 MPa and 20 KPa. An extensive investigation on selection of material for the microneedle is carried out to meet the requirements of the biocompatibility and high yield, as well as tensile strength. As mighty drugs such as vasopressin, atropine and digoxin are administered in large quantities, the microneedle is designed so as to deliver 800 nl of drug, with each microneedle delivering 90 μl. in a 3 3 array. 3 × 3 array releasing 90 μl.

Keywords:

Microneedles, Bio – MEMS , high yield and tensile strength,biocompatible.

BT'22 PT-013

BIONIC EYE

Krishna Kanth. S Prakash Kumar I Gopish Kumar S

EGS Pillay Engineering College, Nagapatinam

Abstract:

Bionic eye is an artificial electronic eye. The main purpose of bionic eye is to provide vision, partially to the visually challenged people by the use of modern day electronic devices like charge coupled device (CCD) camera and bionic eye implant. The implant is a small chip that is surgically implanted behind the retina in the eye ball. It could restore the eye sight of the people who suffer from age related blindness. There are two basic methodologies of bionic eye, multiple unit artificial retina chip system (MARC) and artificial silicon retina system (ASR). However, this paper presents a novel idea of integrating a new approach of bionic eye with the nanogenerator. The nanogenerator is multifaceted when compared to the external batteries providing better power, compactness and higher efficiency. The potential advantage of proposed method is to be able to remove the blindness to a feasible extent by making advance in the present research and improving manufacturing technology.

Keywords:

Bionic eye; artificial eye; nanogenerator applications; electronic eye; Retina damage; eye replacement; blindness

BT'22 P -014

ANTIMICROBIAL MASK

Muhamed Arbaz AM

Vels University,Chennai

Abstract:

Wearing a mask is among the non-pharmaceutical intervention measures.Previous publications have estimated the effect of Anti Microbial Resistance (AMR) on incidence, deaths, hospital length of stay, and health-care costs for specific pathogen-drug combinations in select locations. To contribute towards communal health, this paper aims to develop Antimicrobial mask. To bring that over-the-counter (OTC) antimicrobial Masks are better at preventing illness. Antimicrobial protection may be provided to protective Masks by mixing an antimicrobial agent Benzalkonium chloride in a mask material film so that the antimicrobial agent benzalkonium chloride & Cu migrates to the exposed surfaces of the Filtering layer when the agent on the antimicrobial layer surface has been depleted.A microbial transfer prevention Mask for preventing infection especially respiratory infection. The mask comprising an antimicrobial agent homogeneously distributed in a material from which the Mask is formed, antimicrobial agent provides an antimicrobial effect, antimicrobial effect being depleted through inner filter layer of mask the transfer of the antimicrobial agent to body reduced during use thus by making it peraonal protective

Keywords:

Antimicrobial Mask, Benzalkonium chloride & Cu, Filtering layer, Personal protective

Hey Sweety…

No matter how it begins

Magic can happened

Heart can seek

Where you are? Says

You are mine,

Sighting and dreaming

You in the day and night,

Disturbed mind and Sleepless nights,

Try to learn but

Not to understand

I am confused

Because of you;

Hope you know

What I am trying?

Let you allow me In yours life till

My last breath;

By:-

DevaKumar N A

IV YEAR

உன் கருவிழி கண்களின் ஓரத்தில் என் கவிதையாய் வலம் வந்து.....

உன் தேகம் என்னும் இன்பம் தருகின்ற சிறையில் சிக்கி....

மீழாத ஆசையாய்....

இருப்பாயோ கண்மணி

-N Srinithi

IV YEAR

கண் மூடும் தருணம்

கண் எதிரே தேவதை

காலம் வீணாக்கமல்

காதல் சொல்ல நினைத்தேன்

கலைந்துவிட்டாள் கலைமகள்

கனவோடு கனவாய்...

-சு. சரண் கார்த்திக்

III YEAR

Education . . .

Attaining a age,

Educating a child;

Knowing the subjects,

Passing the class;

Gathering the knowledge

Improving the ability;

Finding the way Where it goes to be!!

By:-
Sriram G
IV YEAR

மனிதாபிமானம் கூட காட்டதவர்

மத்தியில் நட்பை தேடும்

நான் மூடன்...

-சு. சரண் கார்த்திக்
III YEAR

Art By:

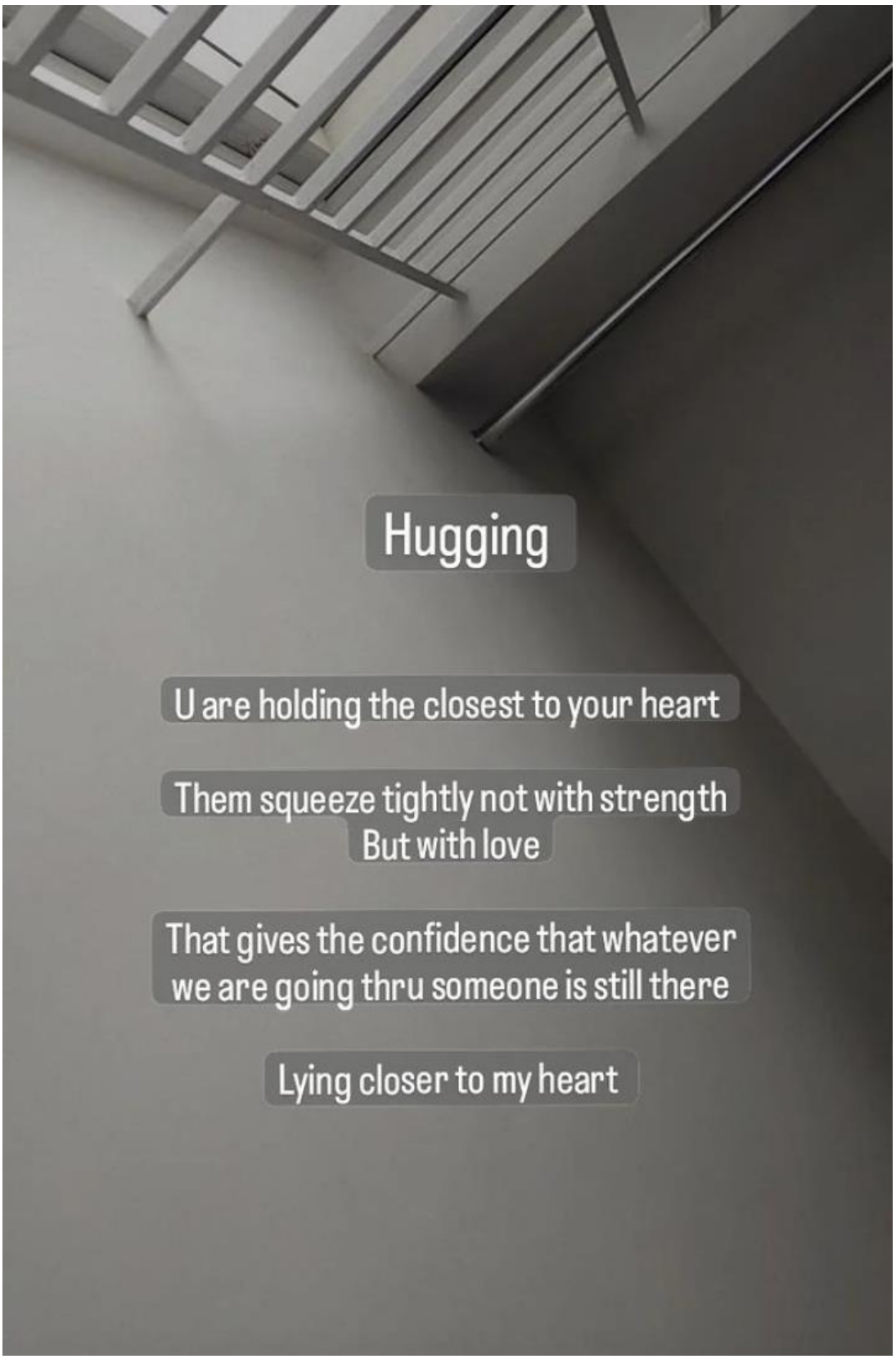
Navaneeth Krishna

IV YEAR

Art By:

Deva Sheela Cathrin

IV YEAR



By:

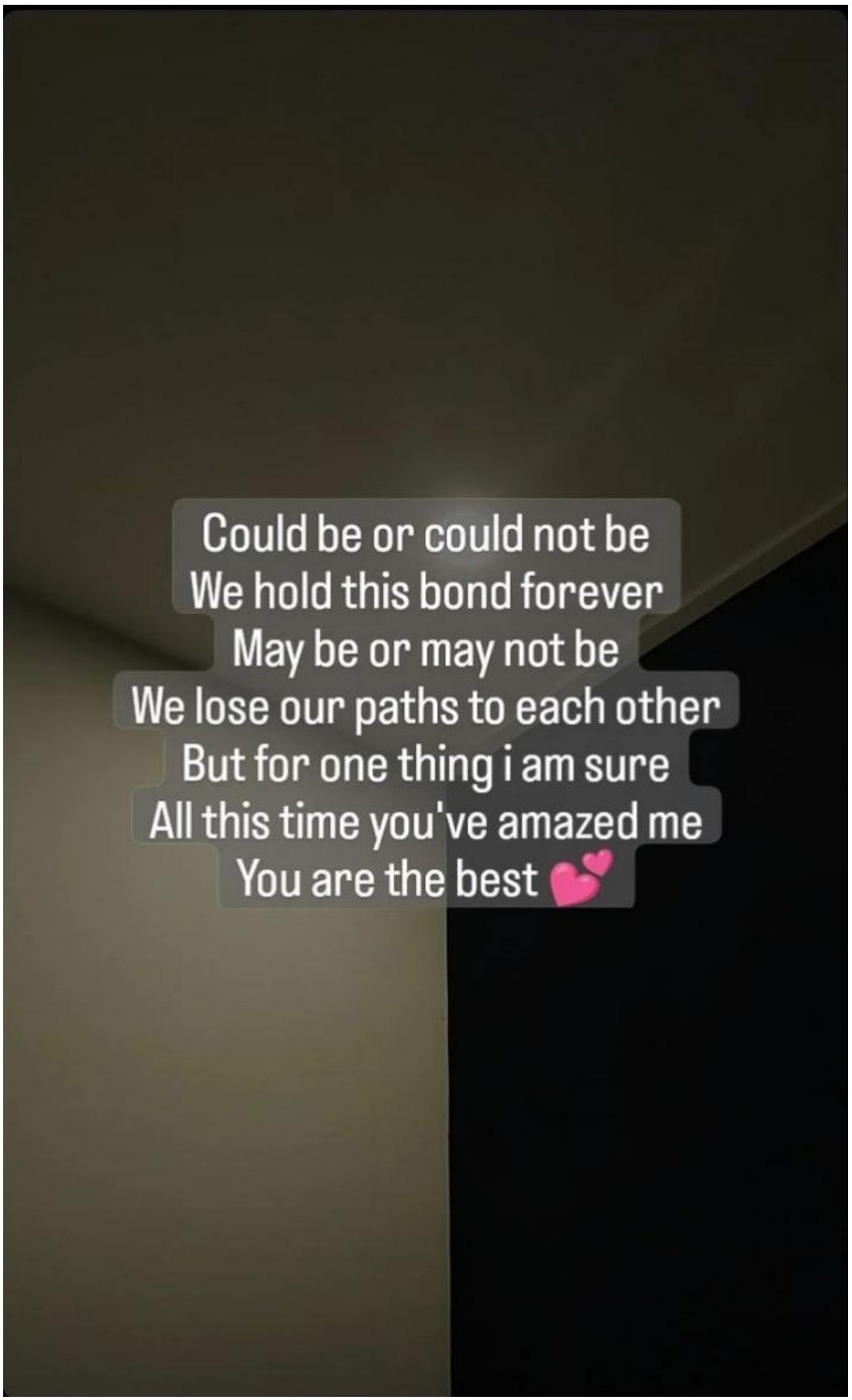
Fahim K M

III YEAR

By:

Fahim K M

III YEAR



By:

Fahim K M

III YEAR

By:

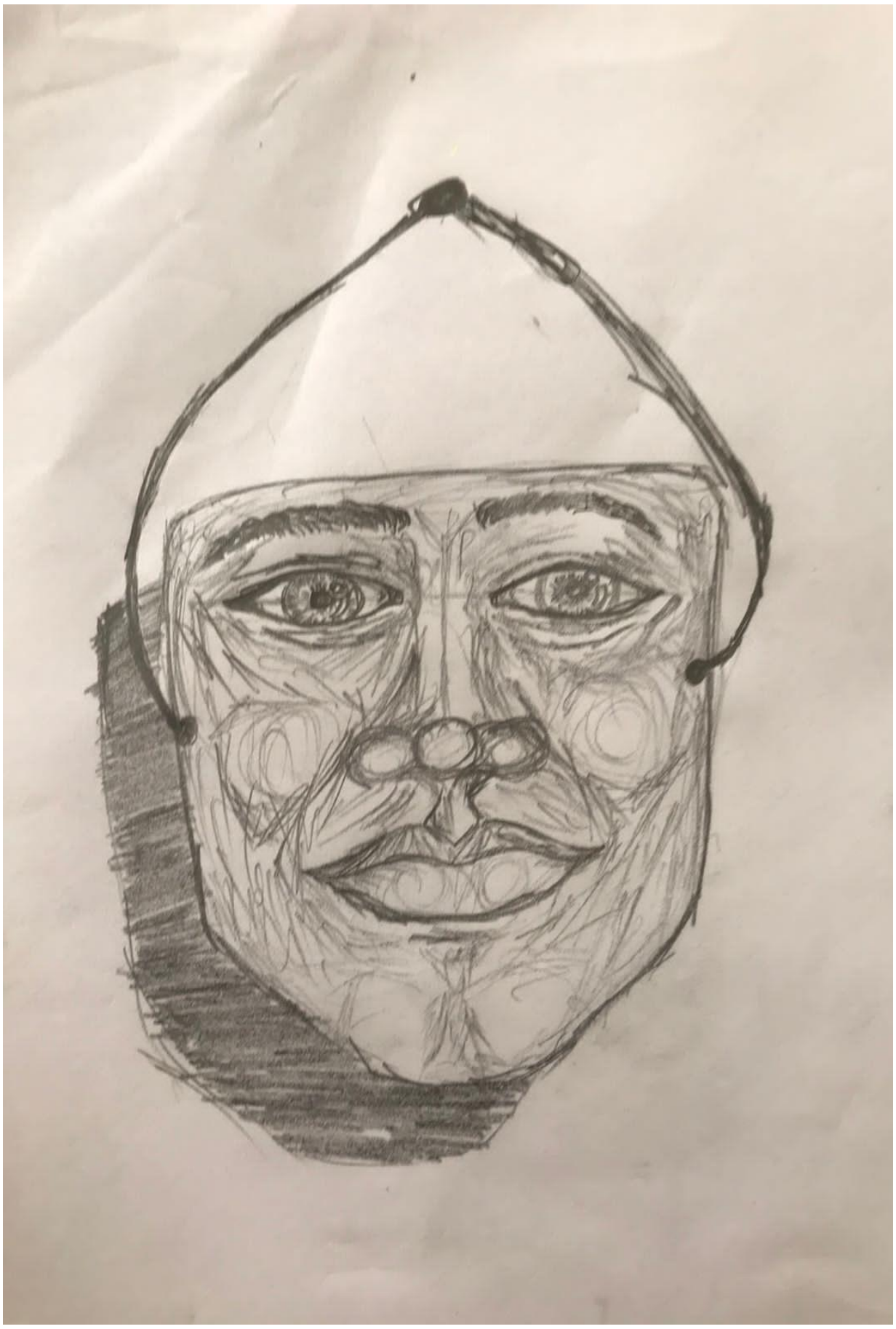
Fahim K M

III YEAR

Craft By:

Monica

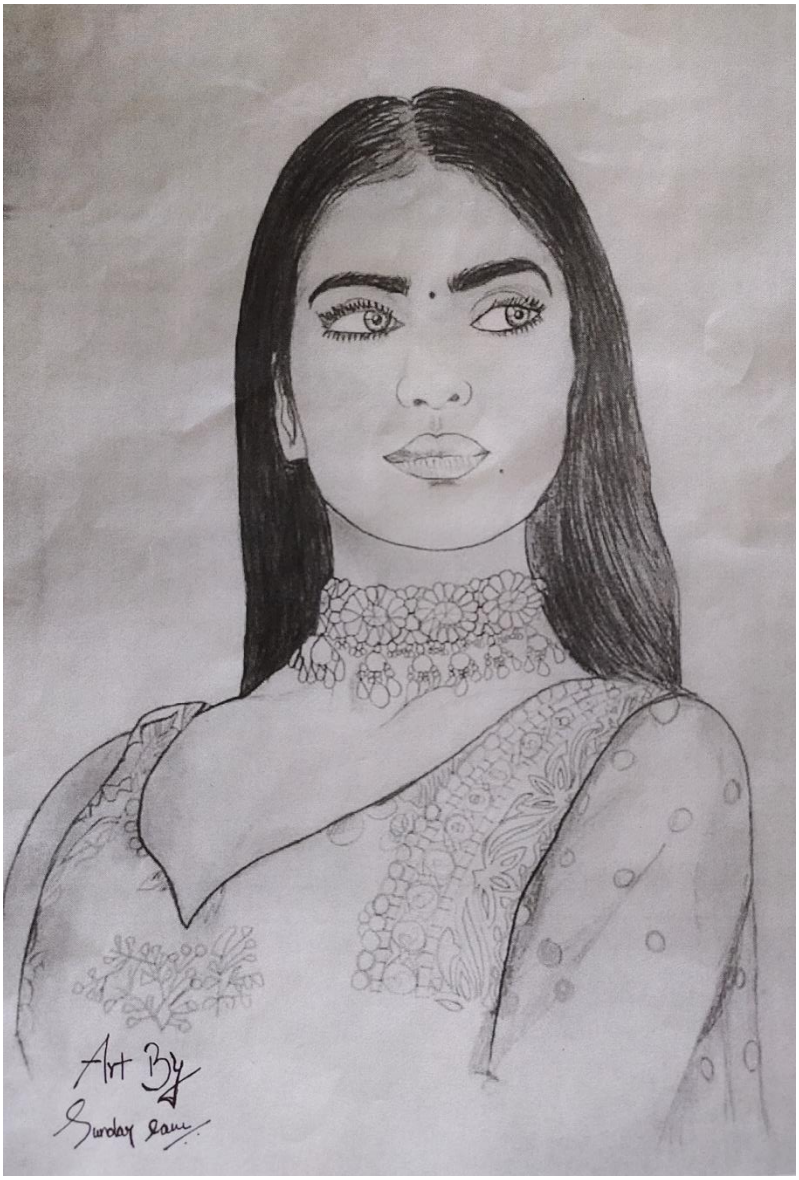
III YEAR



Art By:

Navaneeth Krishna

IV YEAR



Art By:

Sundar Ram

II YEAR

STUDENT COMMITTEE LIST

MOC

STAFF COORDINATOR:

Ms.P Raja Rajeswari Chandni

Assistant Professor, BME

TEAM HEAD:

Syed Sadaf Javid

TEAM MEMBERS:

Sonali

Sowmiya

Nisha

Bhargavi

QUIZ

STAFF COORDINATOR:

Mrs. Shobha Christila

Assistant Professor, BME

TEAM HEAD:

Navaneeth Krishnan

TEAM MEMBERS:

Rishi

Arun

Aneesh hashir

Sathya

Reyana

Aswin Raj

Anamalai

Sairaj

PAPER PRESENTATION - 1

STAFF COORDINATOR:

Dr Ganga

Associate Professor, BME

TEAM HEAD:

Deva Sheela Cathrine

Vimala Devi

TEAM MEMBERS:

Sobika

Varshini

Sangeethy Raj

Pandeeshwaran

Logesh

WHO AM I

STAFF COORDINATOR:

Mrs. Deepa Rani

Assistant Professor, BME

TEAM HEAD:

Jaya Surya

Sujith Kumar

TEAM MEMBERS

Vignesh

Aakash

Elavarasi

Vimala devi

Vigneshwaran

Mokesh

Nisha

Harini

Shwetha

PROJECT

STAFF COORDINATOR

Dr. Murugeshwari T

Associate Professor, BME

TEAM HEAD

Aakash

TEAM MEMBERS

Ajith

Srinithi

Kamaleshwaran

Ginolene

Jashika

Libi

Vysree manoj

Siva Rajan

BEST MANAGER

STAFF COORDINATOR

Mr. Radha Krishnan

Assistant Professor, BME

TEAM HEAD

Devakumar N A

TEAM MEMBERS

Pandi Selvam

Sanjay

Monika

Bavithra

Sharmila

Nihal

Niyas

Abhinandh

PAPER PRESENTATION – 2

STAFF COORDINATOR

Mr.K.Gopinath

Assistant Professor, BME

TEAM HEAD

Haritha

TEAM MEMBERS

Akshaya

Kishore A B

Mokesh

Abdul Rahman

Sangeeth Raj

Bhuvanesh

Anandharaj

FOOD &REFRESHMENT

STAFF COORDINATOR

Mr. Radhakrishnan

Assistant Professor, BME

TEAM HEAD

Vignesh

TEAM MEMBERS

Ashiq Vishnu

Mohammed Adel

Mohammed Nihal

Mohammed Mushfique

Shaheer Anas

Aneesh Hashir

Navaneeth krishnan

Jaya Kumar

Hariarasudhan

Mokesh

Ashique

Mahadevan

Nihal

Adhitya

Akshay Krishna

REGISTRATION

STAFF COORDINATOR

Dr.Murugeshwari T

Associate Professor, BME

TEAM HEAD

Sriram

TEAM MEMBERS

Vignesh

Semeha Hussain

Gayathri

Anagha

Avanthika

Monika

Sonaimuthu

SOVINER

STAFF COORDINATOR

Mrs. Shobha Chrisila

Assistant Professor, BME

TEAM HEAD

Kowthaman K

TEAM MEMBERS

Syed Sadaf Javid

Deva Sheela Cathrin

Aakash

Vignesh

Avanthika

Sminju

Ladeeda

Sundar Ram

STAGE DECORATION& SEATING

STAFF COORDINATOR

Mr..K .Gopinath

Assistant Professor, BME

TEAM HEAD

Fariya Al Rafiya

TEAM MEMBERS

Dhivya Dharshini

Shiddharth

Kamaleshwaran

Priyadharshini

Sanofar

Riyana

Nasith

Vishwa

Mashal

Faheem

Firnas

Harish

HOSPITALITY

TEAM HEAD

Thilipan

TEAM MEMBERS

Kamalesh

siddarth

Jeyaganesh

Ladeeda

Bavithra

Sobika

Sminju

Nandu

Fahim

Bharath

Kishore

Amal

Mithun

Bhargavi

Nisha

Harini

Shwetha

Keerthana

Harine

Gokul

Aswin Raj

Anamalai

Sairaj

CERTIFICATE DESIGN, LOGO AND INVITATION

STAFF COORDINATOR

Mr. K Gopinath

Assistant Professor, BME

TEAM HEAD

Sriram

TEAM MEMBERS

Saran Karthick

Mahadevan

Nihal

RECEPTION AND RANGOLI

STAFF COORDINATOR

Dr. Ganga

Associate Professor, BME

TEAM HEAD

Vimaladevi

TEAM MEMBERS

Mahalakshmi

Jenifer jeffrina

Sathya

Sharmila

Sivasree

Srimathi

Keerthana

Bhargavi

Nisha

Harini

Shwetha

CERTIFICATE PRINTING& DISTRIBUTION

STAFF COORDINATOR

Mrs.Deepa Rani

Assistant Professor, BME

TEAM HEAD

Elavarasi

TEAM MEMBERS

Vimala Devi

Deva Sheela Cathrin

DhivyaDharshini

Shiddharth

Ginolene

Sriram

Bavithra

Jashika

Saran Karthick

Sivasree

Srimathi

Sonaimithu

TECHNICAL COMITTEE

STAFF COORDINATOR

Mrs.S Shobha Christila

Assistant Professor, BME

TEAM HEAD

Srinithi

TEAM MEMBERS

Shiddharth

Kamalesh

Sriram

Jaya Kumar

Vigneshwaran

Mokesh

Janani

Sofiya

Jayapriya

Oviya

Altaf

Reghan

PHOTOGRAPHY& PRESS

TEAM HEAD

Sanjay

TEAM MEMBERS

Thejan

Sangeethy Raj

Pandeeshwaran

Logesh

PRIZE & MOMENTUM

STAFF COORDINATOR

Mr.Radhakrishnan

Assistant Professor, BME

TEAM HEAD

Ashiq Vishnu

TEAM MEMBERS

Vignesh

Fariya Al Rafia

Kishore

Gopinath

Ajith

Jashika

Reyana

Imran Khan

Mahadevan

Nihal

Gokul Radhakrishnan

DISCIPLINARY

STAFF COORDINATOR

Dr. Murugeshwari

Associate Professor, BME

TEAM HEAD

Karan

TEAM MEMBERS

Manoj

Jeya Ganesh

Thilipan

GokulaSeran

Alan Abraham

Ariharasudhan

Vishwa

Ashok Kumar

Jayakumar

Bhuvaneshwaran

Oviya

Akhila Anwar

Libi

Vysree manoj

Siva Rajan

BUDGET

STAFF COORDINATOR

Ms. P Raja Rajeswari Chandini

Assistant Professor, BME

Mrs. Deepa Rani

Assistant Professor, BME

TEAM HEAD

Priyadharshan

TEAM MEMBERS

Ajith

Elavarasi

Gayathri

Anagha

Avanthika

Monica

Sathya

Sobika

Gokul Radhakrishnan

BIO MEDICAL ENGINEERING

IV YEAR (2019-2023)

BIO MEDICAL ENGINEERING

III YEAR (2020-2024)

BIO MEDICAL ENGINEERING

II YEAR (2021-2025)